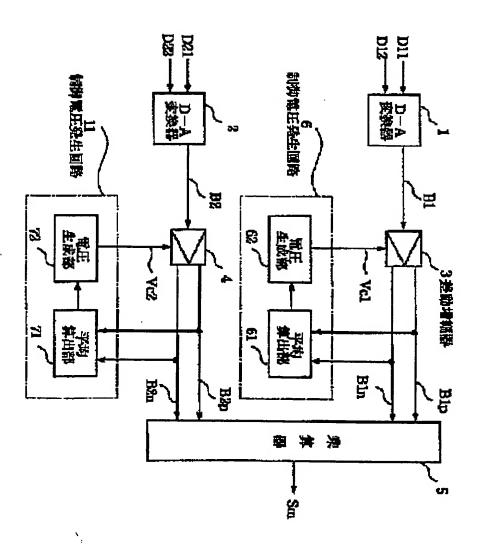
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(57) Abstract: AMPLITUDE MODULATOR QUADRATURE (54) MULTILEVEL

change of a D/A converter. which is caused by the temperature quadrature amplitude modulator of PURPOSE: To provide a multilevel the fluctuation of the output level high quality by compensating surely

converters 1 and 2 receive the digital signals D11, D12, D21 and D22 and CONSTITUTION: The D/A

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signals B2p and B2n of the negative quadruple amplitude. The differential signals B1 and B2 having the B1 and B2 and transmits them as the amplifiers 3 and 4 receive the signals convert them into the base band average levels at zero. and 72 generates the voltage Vcl and and 7 calculate the average levels of control voltage generating circuits 6 calculating parts 61 and 71 of the signals B1p-B2n and produces a and Vc2. A multiplier 5 receives the output levels are controlled in phases respectively. Meanwhile, the Bin of positive phases and the smoothed base band signals B1p and the signals B1p-B2n respectively. multilevel quadrature amplitude response to the control voltage Vcl Vc2 so as to set the difference of the modulated signal Sm. The average Then, the voltage generating parts 62

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